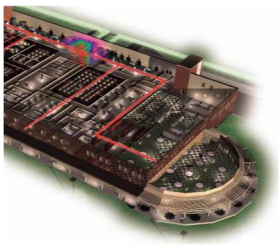


BROADBAND NETWORKS SOLUTIONS

CERTIFYING & TROUBLESHOOTING ONLINE RECERTIFICATION TRAINING

One (1) BICSI Continuing Education Credits (CECs) issued for completing this course!

Course Length: 120 mins *(approx.)*

Overview:

This web based on-line recertification/update training is for only those students that have already completed the TE Connectivity Broadband Networks (two day) Certifying & Troubleshooting Premises Cabling Systems Course (aka AMP ACT^{SM} 2).

Successful completion of this course will result in a certificate and wallet card valid for 2 years from the time the web based recertification/update training was completed.

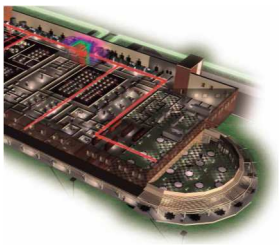
To access our web site for information on class dates, locations or to enroll into a class: http://www.te.com/en/industries/enterprise-networks-north-america/knowledge-center/training.html

For information on scheduling this course at your location call your local TE Account Manager or the Training Specialist at 717-810-2923.

Outline:

IMPROVING PERFORMANCE ON CATEGORY 6 AND BEYOND TWISTED PAIR CABLING SYSTEMS

- Describe twisted pair cable classifications and transmission performance guidelines.
- Explain the industry standards parameters and guidelines for twisted pair cable, connectors, and cabling systems.
- Recognize common twisted pair cabling system faults and describes how to troubleshoot them.
- Describe the testing procedures for Wire Map, Length, Insertion Loss, NEXT ACR-F (including Power Sum), Return Loss, Propagation Delay/Skew as required by the ANSI/TIA 568 standards.



IMPROVING PERFORMANCE ON FIBER OPTIC PREPOLISHED CONNECTORS

- Describe optical fiber cable classifications and transmission performance guidelines.
- Explain the industry standards parameters and guidelines for optical fiber cable, connectors, and cabling systems.
- Recognize common optical fiber cabling system faults and describes how to troubleshoot them.
- Describe the testing procedures for Insertion Loss as required by the ANSI/TIA 568 standard.

COURSE CLOSURE AND EXAMINATION

APPROXIMATE TIME REQUIRED TO VIEW TRAINING CONTENT and complete exam 120 MINS.